

1. A patterned substrate comprising:
a metal film,
an insulating film adjacent to the metal film,
and
a molybdenum nitride film formed at least on a
side of the metal film which is in contact with the
insulating film.

2. The patterned substrate according to claim 1,
wherein
the metal film forms an electrode.

3. The patterned substrate according to claim 1,
wherein
the molybdenum nitride film has a nitrogen
content between 5 atomic % and 30 atomic % inclusive.

4. The patterned substrate according to claim 1,
wherein
the insulating film also serves as a support
substrate.

5. The patterned substrate according to claim 1,
wherein
the insulating film is composed of a polymeric
resin.

6. ~~A liquid crystal display provided with the~~
~~patterned substrate according to any of claims 1 to 5.~~

7. A liquid crystal display comprising:
a pair of substrates,
a liquid crystal layer interposed between the pair of substrates,

5 a laminated layer provided on at least one of the substrates, wherein the laminated layer is formed by laminating an insulating film and a molybdenum nitride film on the substrate, and

10 a reflective metal film having a light reflecting function and provided in pixel regions obtained by dividing the liquid crystal layer into a plurality of segments, wherein the reflective metal film is formed on the laminated layer.

8. The liquid crystal display according to claim 7,
15 wherein

the molybdenum nitride film has a nitrogen content between 5 atomic % and 30 atomic % inclusive.

9. The liquid crystal display according to claim 7,
wherein

20 the reflective metal film serves as an electrode for applying a voltage to the liquid crystal layer.

10. The liquid crystal display according to claim 7,
wherein

25 an indium-tin oxide film is formed on a side of a substrate on which the reflective metal film is formed.

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Sub B3

Add B4

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